Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 29 Oct 2021 until 23:59 on Saturday 30 Oct 2021

Forecast Issued on Friday 29 Oct 2021 at 03:54

Confidence: High for unsettled, but lowering for the detail of worst of conditions.

Headline for Friday 29 Oct 2021: Overcast with periods of rain, which turns heavy at times. Clearing late in day.

Mountain weather hazards on Friday 29 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Heavy Rain	Light rain	Sunny intervals	Partly cloudy (night)
Precipitation probability					
80%	70%	60%	40%	20%	20%

Forecast for Friday 29 Oct 2021

Weather: Overcast with periods of rain through the bulk of Friday, with outbreaks turning heavy at times. Drier and clearer conditions spreading erratically from the south during the late afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 20% increasing 60% late in day.

Visibility: Moderate or poor in rain, very poor in hill fog with bases quite extensive above 450m for much of the day. Becoming mainly good as clearer conditions spread in late in day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 29 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/37 S	24/31 S	20/27 SW	22/30 W	20/28 SW	20/31 S	24/34 S
300	20/29 S	16/24 S	17/23 S	18/26 W	15/23 SW	16/26 S	20/30 S
Valley	12/28 S	11/25 S	12/23 S	12/25 W	9/22 SW	9/24 S	13/29 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	9/6	6/1	6/1	6/2	6/1
300	12/8	12/9	12/9	8/5	8/5	8/5	8/4
Valley	12/10	12/10	13/10	9/6	8/6	8/6	8/5
Freezing Level*	2300m	2100m	1800m	1600m	1300m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult to hazardous conditions for much of the day, some heavy rain which brings some flooding of local water courses.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 29 Oct 2021	5mm	5mm	5.2mm

Forecast for Saturday 30 Oct 2021

Weather: Better than Friday with a mix of showers and brighter spells holding sway, however some of the showers will be heavy bringing the risk of hail and thunder, also a chance of longer periods of rain crossing for a time, chiefly before mid-morning.

Maximum wind: South or Southwest beginning mean 20-25mph, with gusts reaching 35mph across most exposed ridges and summits. Winds gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 600m: 90% for any given time but little chance of prolonged clear conditions due to the showery nature of the flow.

Visibility: Good becoming moderate or poor in showers or any longer periods of rain, also very poor in hill fog with bases lowering 450m in showers or longer periods of rain.

Temperature: **Valleys:** Plus 5 Celsius increasing 16 Celsius during the afternoon
At 600m: Plus 6 Celsius decreasing Plus 4 Celsius late in day
Freezing level: Above all summits

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